

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037117.D
 Acq On : 06 Mar 2020 18:33
 Operator : JC/MD
 Sample : L1834-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF2

Manual Integrations
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sam
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Quant Time: Mar 07 02:26:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262742	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86293	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85644	38.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.64%
7) Chloroethane-d5	1.93	69	79989	43.81	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.59	63	114822	31.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.16%
21) 2-Butanone-d5	4.67	46	133276	90.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.05%
24) Chloroform-d	5.10	84	147319	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.74	65	102515	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
32) Benzene-d6	5.76	84	318391	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
36) 1,2-Dichloropropane-d6	6.72	67	105620	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.92	98	278306	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	8.20	79	42079	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.06%
47) 2-Hexanone-d5	8.66	63	89815	78.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	143166	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	81341	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%

Target Compounds

					Ovalue
13) Acetone	2.66	43	4404	2.893	ug/L 98
34) Trichloroethene	6.57	95	2776	1.425	ug/L 96
63) 1,4-Dichlorobenzene	11.85	146	3197	1.156	ug/L 95
65) 1,2-Dichlorobenzene	12.23	146	2404	0.860	ug/L 94
67) 1,3,5-Trichlorobenzene	13.25	180	1695m	0.954	ug/L
68) 1,2,4-trichlorobenzene	13.87	180	2591	1.946	ug/L 89
70) 1,2,3-Trichlorobenzene	14.37	180	2786	2.094	ug/L 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

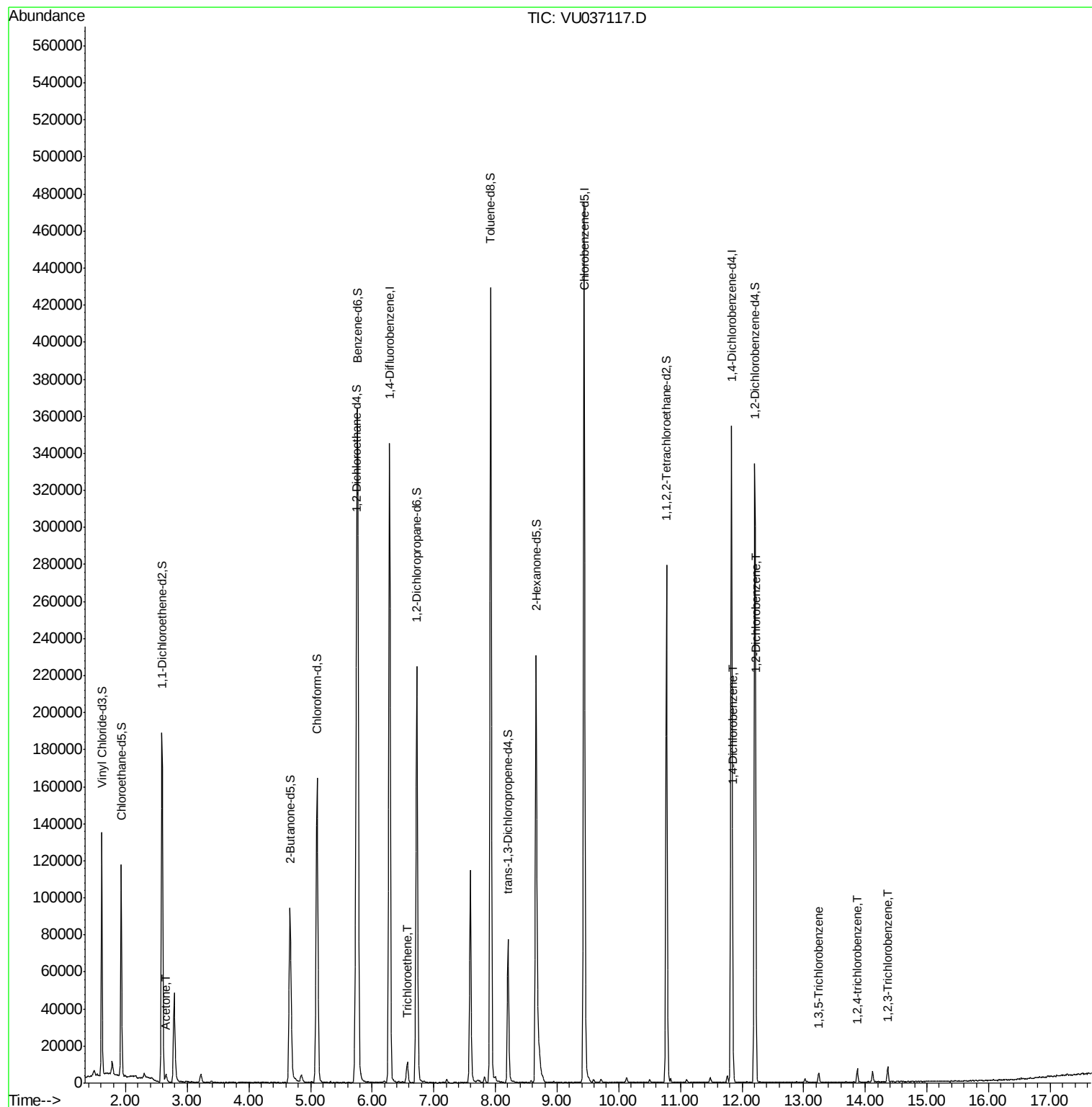
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030620\
Data File : VU037117.D
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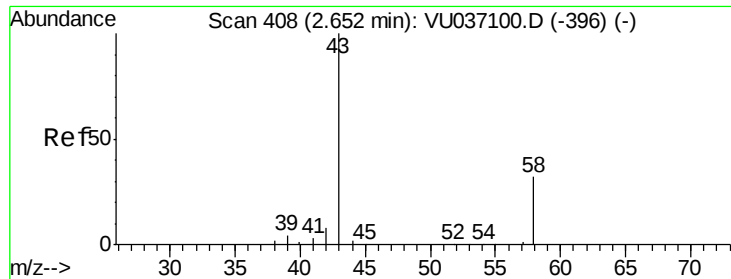
Instrument :
MSVOA_U
ClientSampleId :
C0DF2

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Quant Time: Mar 07 02:26:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.893 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037117.D

Acq: 06 Mar 2020 18:33

Instrument :

MSVOA_U

ClientSampled :

C0DF2

Tot Ion: 43 Resp: 4404

Ion Ratio Lower Upper

43 100

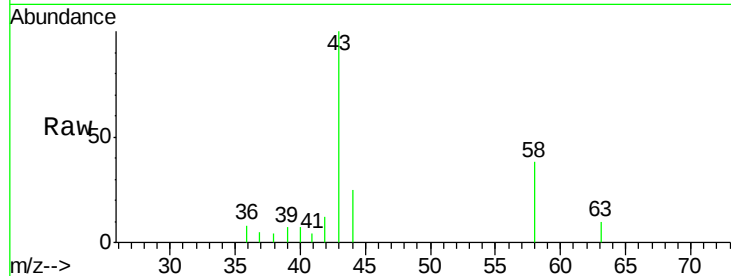
58 31.3 0.0 64.6

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Abundance Ion 43.00 (42.70 to 43.70): VU037117.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037117.D (-315) (-)

2500

2000

1500

1000

500

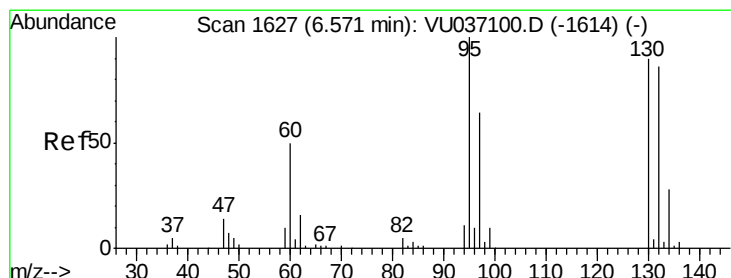
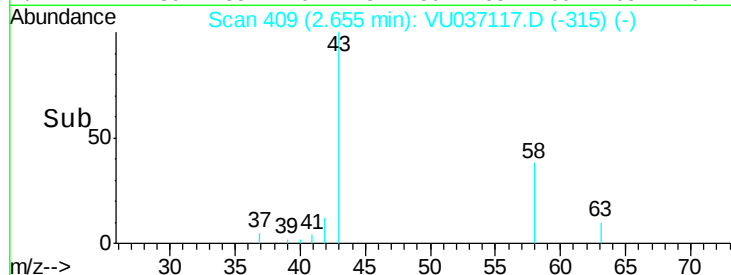
0

2.60

2.65

2.70

Time-->



#34

Trichloroethene

Concen: 1.425 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037117.D

Acq: 06 Mar 2020 18:33

Tgt Ion: 95 Resp: 2776

Ion Ratio Lower Upper

95 100

97 61.2 44.1 81.9

132 81.4 60.6 112.6

130 90.3 64.9 120.5

Abundance Ion 95.00 (94.70 to 95.70): VU037117.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU037117.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU037117.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU037117.D (-1534) (-)

2500

2000

1500

1000

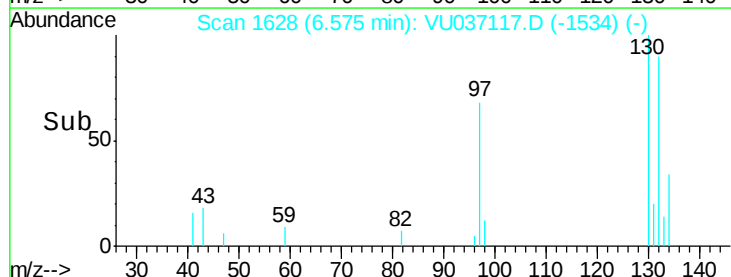
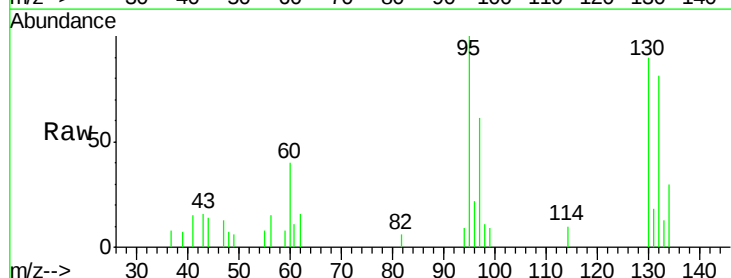
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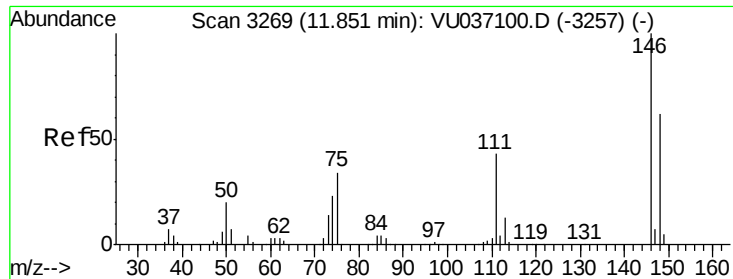
0

6.55

6.60

Time-->





#63

1,4-Dichlorobenzene

Concen: 1.156 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037117.D

Acq: 06 Mar 2020 18:33

Instrument :

MSVOA_U

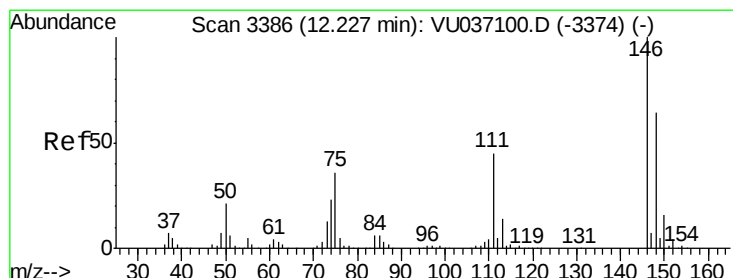
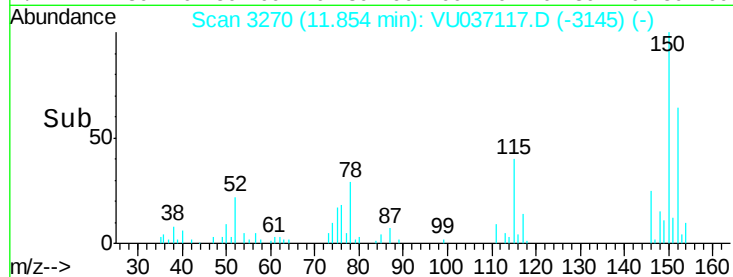
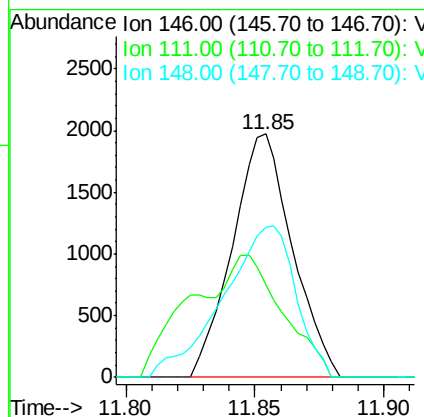
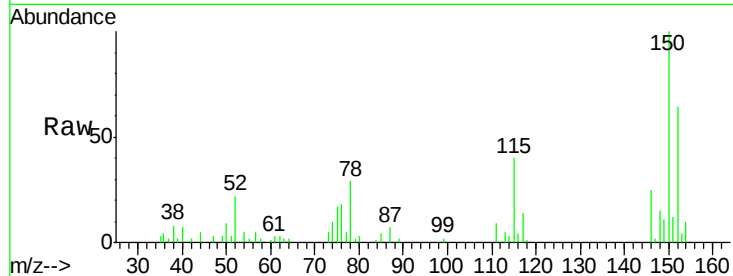
ClientSampled :

C0DF2

Tot Ion:	146	Resp:	3197
Ion Ratio	Lower	Upper	
146	100		
111	37.9	29.8	55.4
148	61.8	45.1	83.9

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#65

1,2-Dichlorobenzene

Concen: 0.860 ug/L

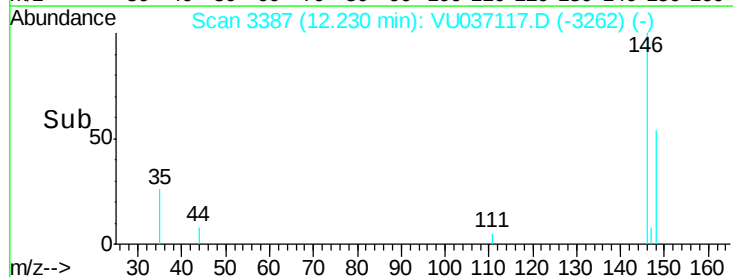
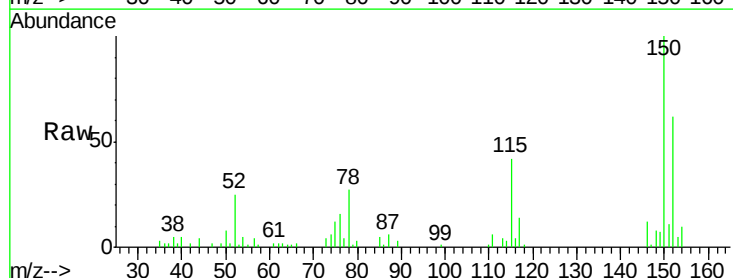
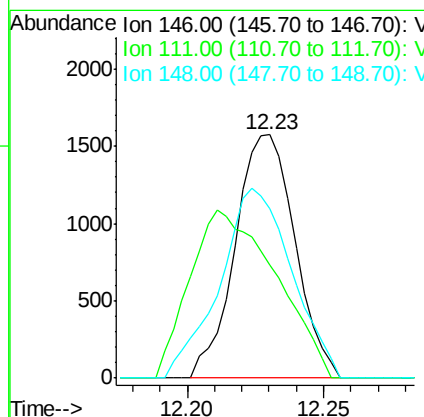
RT: 12.23 min Scan# 3387

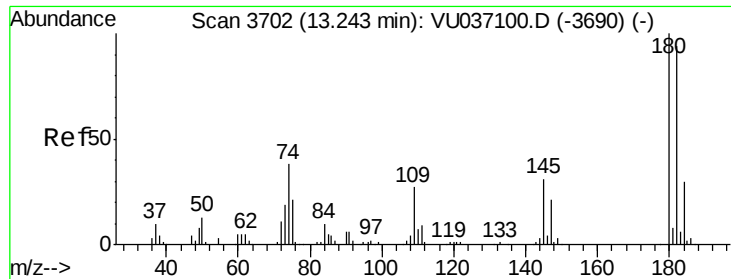
Delta R.T. 0.00 min

Lab File: VU037117.D

Acq: 06 Mar 2020 18:33

Tgt Ion:	146	Resp:	2404
Ion Ratio	Lower	Upper	
146	100		
111	46.6	35.4	53.0
148	69.7	50.5	75.7





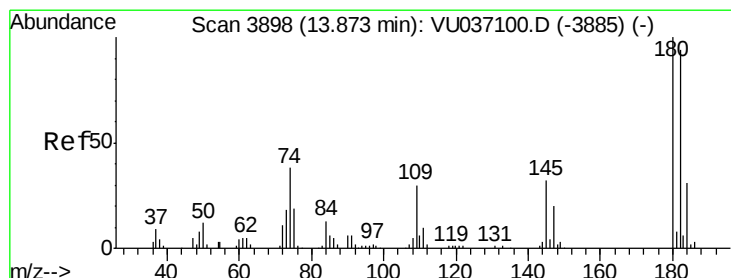
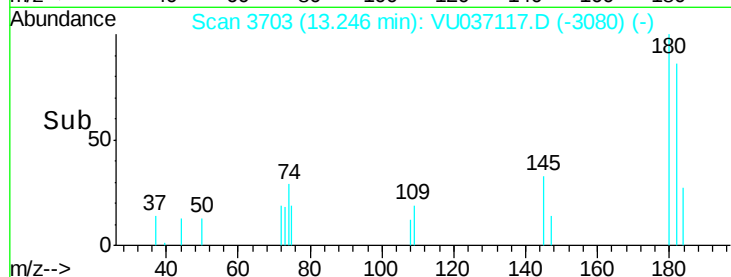
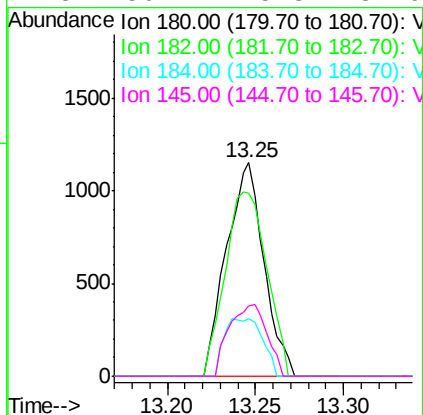
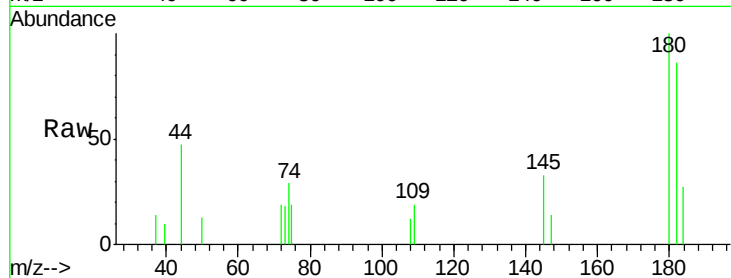
#67
 1,3,5-Trichlorobenzene
 Concen: 0.954 ug/L m
 RT: 13.25 min Scan# 3703
 Delta R.T. 0.00 min
 Lab File: VU037117.D
 Acq: 06 Mar 2020 18:33

Instrument :
 MSVOA_U
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Tot Ion	Ratio	Lower	Upper
180	100		
182	123.2	76.9	115.3#
184	40.7	24.2	36.2#
145	50.7	25.3	37.9#

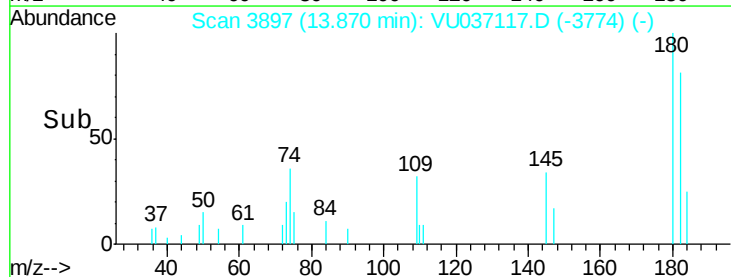
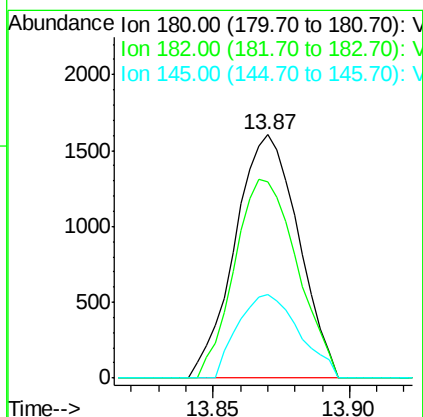
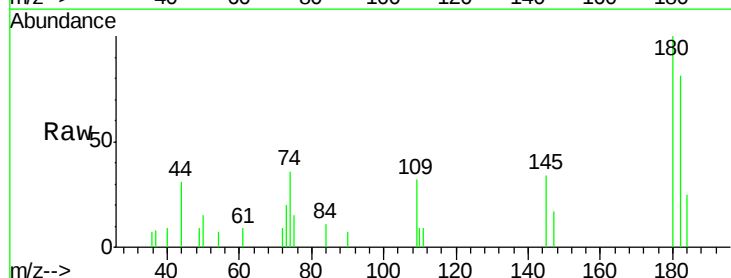
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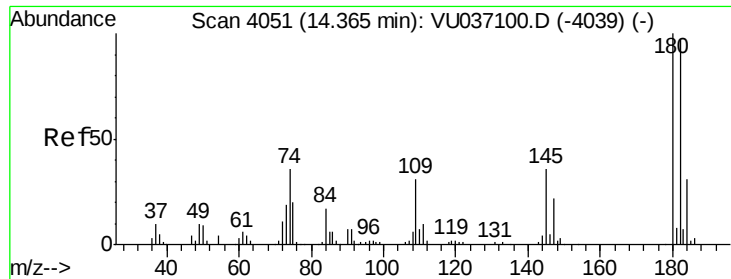
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#68
 1,2,4-trichlorobenzene
 Concen: 1.946 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. -0.00 min
 Lab File: VU037117.D
 Acq: 06 Mar 2020 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	80.6	75.3	112.9
145	33.2	26.2	39.4





#70
 1,2,3-Trichlorobenzene
 Concen: 2.094 ug/L
 RT: 14.37 min Scan# 4051
 Delta R.T. 0.00 min
 Lab File: VU037117.D
 Acq: 06 Mar 2020 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF2

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.7	77.0	115.6
145	34.2	28.1	42.1

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